

What Is Claimed Is:

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1. A digitally encoded switch system for operating a plurality of vehicle lamps comprising:
- 5 a plurality of vehicle lamps;
- a multi-position switch circuit having a plurality of selectable switch positions, the multi-position switch circuit being connected to a voltage source and including a plurality of switch contacts for selectively connecting given ones of
- 10 the switch contacts to the voltage source for creating different open and closed circuit conditions for corresponding positions of the multi-position switch circuit; and
- a control module including a microprocessor connected to the multi-position switch circuit and to the plurality of vehicle
- 15 lamps for illuminating selected ones of the vehicle lamps in accordance with the open and closed circuit conditions created by the multi-position switch circuit.
2. The digitally encoded switch system of claim 1 in which the
- 20 switch contacts of the multi-position switch circuit provide digitally coded signals wherein an open circuit condition manifests a first binary state and a closed circuit condition manifests a second binary state, and wherein the control module microprocessor is responsive to the digitally coded
- 25 signals manifested by the circuit conditions of the multi-position switch circuit to illuminate selected ones of the vehicle lamps in accordance with the digital code.
3. The digitally encoded switch system of claim 2 wherein the
- 30 plurality of vehicle lamps include a left low beam headlamp and a left high beam headlamp, a right low beam headlamp and a right high beam headlamp, a left front fog lamp, a right front fog lamp, a left rear fog lamp, a right rear fog lamp, a left park lamp, and a right park lamp.

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